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DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-12- 18774	<b>88120000317</b>	8/8/12

COMMENTS:

**DOES NOT CONTAIN CBI**



MR# 347662

The Dow Chemical Company  
Midland, MI 48674  
USA

1803 Building

August 07, 2012

VIA FEDERAL EXPRESS

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(Attn: TSCA Section 8(e) Coordinator)  
Office of Pollution Prevention and Toxics  
Environmental Protection Agency  
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Washington, DC 20460-0001

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Re: Benzyl trimethyl ammonium chloride

CASRN: 56-93-9



Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act. Dow has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

In a local lymph node assay, groups of five CBA/J female mice were administered 10%, 25%, 35%, or 50% test substance solution in water. Application consisted of 25 ml aliquots painted onto each mouse's ear once daily for up to three days. Mortality was observed at 50% (4/5) and 35% (2/5 - only dosed one day) dose levels. The effect observed is consistent with the key dermal LD50 value of 510 mg/kg in rabbits, but mice have not been tested for dermal toxicity to date; thus, this study represents data in a new species.

Questions may be addressed to the undersigned.

Sincerely,

*Alicia M Fitzpatrick*

Alicia M. Fitzpatrick



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CONTAINS NO CBI

From: (989) 638-1472  
Beth Stevie

Origin ID: MBSA



The Dow Chemical Company  
1803 BLDG  
Midland, MI 48674



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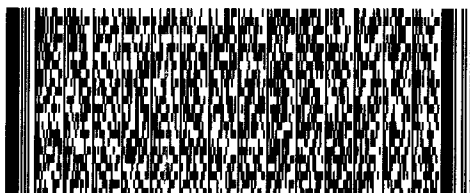
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